

Claim 1 (Seven Times Amended). A composite chemical barrier fabric having improved durability comprising:

W1
a multiple layer, chemical barrier material having a first side and a second side; and
a durability barrier layer coated on at least one of said first or second side comprising a thermoplastic polyolefin elastomer with an inherent bonding affinity to the chemical barrier material, the coated chemical barrier composite achieving at least 25% improvement in ASTM 1342 puncture resistance and at least 25% improvement in modified ISO 7854 Method B flex-crack resistance of the fabric when compared to a fabric not having said durability barrier layer.

Claim 13 (Five Times Amended). A composite chemical barrier fabric having improved durability, comprising:

H2
a multiple layer, chemical barrier material having a first side and a second side; and
a durability barrier layer coated on at least one of said first or second side comprising a layer of a thermoplastic polyolefin elastomer having an inherent bonding affinity to the chemical barrier material, the resin having an ASTM D1238 melt flow rate 230/2.16g/10 min of about 0.45; an ASTM D793 density at 23 degrees Celsius g/cm^3 of about 0.88; and an ASTM D1693 environmental stress-cracking resistance, hours of about >3,000.

H3
Claim 30 (Three Times Amended). A composite chemical barrier fabric having improved durability comprising:

a multiple layer, chemical barrier material having a first side and a second side; and

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a durability barrier layer coated on at least one of said first or second side comprising a thermoplastic polyolefin elastomer resin having an inherent bonding affinity to the chemical barrier material, the resin having an ASTM D1238 melt flow rate 230/2.16g/10 min of about 0.45.

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Claim 45 (Amended). A composite chemical barrier fabric having improved durability, comprising:

a multiple layer, chemical barrier material having a first side and a second side; and

a durability barrier layer coated on at least one of said first or second side comprising a layer of a thermoplastic polyolefin elastomer resin having an inherent bonding affinity to the chemical barrier material, the resin having an ASTM D793 density at 23°C g/cm³ of about 0.88.
